



EPW

PATENT  
Case BR-7283

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JOEL F. CARPENTER ET AL.

SERIAL NO.: 10/802,349

FILED: MARCH 16, 2004

BREAKER COMPOSITION AND PROCESS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Enclosed herewith for consideration by the Examiner is a First Supplemental Information Disclosure Form PTO/SB/08a and PTO/SB/08b with 52 documents listed, but only 10 documents enclosed because the other documents listed are US patent documents.

Respectfully Submitted,

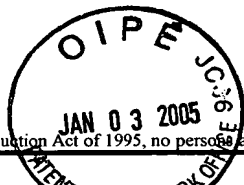
R. Andrew Patty II  
Reg. No. 38,992  
Associate Attorney of Record

Telephone: (225) 291-4600  
Facsimile: (225) 291-4606

**CERTIFICATE OF MAILING**

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited on the date shown below with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

12-30-04  
Date



Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**First Supplemental  
(use as many sheets as necessary)**Complete if Known**

Application Number	10/802,349
Filing Date	March 16, 2004
First Named Inventor	Joel F. Carpenter
Art Unit	
Examiner Name	
Attorney Docket Number	BR-7283

Sheet **1** of **2****U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	US-11	US-3170883	02-23-1965	Owen et al.	
	US-12	US-3328294	06-27-1967	Self et al.	
	US-13	US-3558503	01-26-1971	Goodenough et al.	
	US-14	US-3767586	10-23-1973	Rutkiewicz	
	US-15	US-4465598	08-14-1984	Darlington et al.	
	US-16	US-4822513	04-18-1989	Corby	
	US-17	US-4935153	06-19-1990	Favstritsky et al.	
	US-18	US-4995987	02-26-1991	Whitekettle et al.	
	US-19	US-5047164	09-10-1991	Corby	
	US-20	US-5141652	08-25-1992	Moore Jr., et al.	
	US-21	US-5202047	04-13-1993	Corby	
	US-22	US-5443849	08-22-1995	Corby	
	US-23	US-5464636	11-07-1995	Hight et al.	
	US-24	US-5527547	06-18-1996	Hight et al.	
	US-25	US-5683654	11-04-1997	Dallmier et al.	
	US-26	US-5795487	08-18-1998	Dallmier et al.	
	US-27	US-5942126	08-24-1999	Dallmier et al.	
	US-28	US-6007726	12-28-1999	Yang et al.	
	US-29	US-6015782	01-18-2000	Petri et al.	
	US-30	US-6037318	03-14-2000	Na et al.	
	US-31	US-6068861	05-30-2000	Moore, Jr. et al.	
	US-32	US-6110387	08-29-2000	Choudhury et al.	
	US-33	US-6123870	09-26-2000	Yang et al.	
	US-34	US-6156229	12-05-2000	Yang et al.	
	US-35	US-6162371	12-19-2000	Rees et al.	
	US-36	US-6267897 B1	07-31-2001	Robertson et al.	
	US-37	US-6270722 B1	08-07-2001	Yang et al.	
	US-38	US-6287473 B1	09-11-2001	Yang et al.	
	US-39	US-6299909 B1	10-09-2001	Moore, Jr. et al.	
	US-40	US-6306441 B1	11-23-2001	Moore, Jr. et al.	
	US-41	US-6322822 B1	11-27-2001	Moore, Jr. Et al.	
	US-42	US-6447722 B1	09-10-2002	Rakestraw	

**FOREIGN PATENT DOCUMENTS**

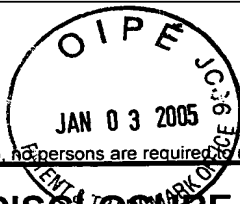
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	FP-1	WO-90/15780	12-27-1990	University of Houston		
	FP-2	WO-99/06320	02-11-1999	Nalco Chemical Co.		
	FP-3	WO-99/32596	07-01-1999	S.C. Johnson & Son, Inc.		
	FP-4	WO-99/55627	11-04-1999	Nalco Chemical Co.		
	FP-5	WO-00/34186	06-15-2000	Stellar Technology Co.		
	FP-6	WO 02/079105 A1	10-10-2002	Ondeo Nalco Company		
	FP-7	WO 2004/039159 A1	05-13-2004	Albemarle Corporation		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  First Supplemental (use as many sheets as necessary)				Application Number	10/802,349
				Filing Date	March 16, 2004
				First Named Inventor	Joel F. Carpenter
				Group Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	BR-7283

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	L-1	Kim, Yong H., "Evaluation of Redox Potential and Chlorine Residual as a Measure of Water Disinfection", IWC-93-22, Engineers Society of Western Pennsylvania, Pittsburgh PA, 1993, ppg 108-113.	
	L-2	McCune, Conwell C., "Seawater Injection Experience - An Overview", Journal of Petroleum Technology, October 1982, ppg 2265-2270.	
	L-3	Mitchell, R.W., "The Forties Field Sea-Water Injection System", Journal of Petroleum Technology, June 1978, ppg 877-884.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.